

| L Number | Hits  | Search Text   | DB  | Time stamp       |
|----------|-------|---|---|------------------|
| -        | 2     | 5253295.pn.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/03 11:38 |
| -        | 263   | 717/140.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 11:12 |
| -        | 20155 | smart same (card or chip)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 09:19 |
| -        | 533   | smart same (card or chip) and (Java with code)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 09:19 |
| -        | 0     | smart same (card or chip) and (Java with code) and ((send\$4 or recei\$4 or host or client) with souce with code)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 09:21 |
| -        | 365   | smart same (card or chip) and (Java with code) and ((send\$4 or recei\$4 or host or client) with code)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 09:21 |
| -        | 446   | smart same (card or chip) and (Java with code) and ((send\$4 or recei\$4 or host or client) with (code or program\$4))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 09:21 |
| -        | 437   | smart same (card or chip) and (Java with code) and ((send\$4 or recei\$4 or host or client) with (code or program\$4)) and (fuction\$4 or modul\$4 or object\$4 or model\$4)                                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 09:22 |
| -        | 338   | smart same (card or chip) and (Java with code) and ((send\$4 or recei\$4 or host or client) with (code or program\$4)) and (fuction\$4 or modul\$4 or object\$4 or model\$4) and verif\$4                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 09:22 |
| -        | 0     | smart same (card or chip) and (Java with code) and ((send\$4 or recei\$4 or host or client) with (code or program\$4)) and (fuction\$4 or modul\$4 or object\$4 or model\$4) and (verif\$4 with fuction\$4) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 09:23 |
| -        | 93    | smart same (card or chip) and (Java with code) and ((send\$4 or recei\$4 or host or client) with (code or program\$4)) and (fuction\$4 or modul\$4 or object\$4 or model\$4) and (verif\$4 same execut\$4)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 09:30 |
| -        | 3452  | program\$4 same smart same (card or chip)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 09:30 |
| -        | 168   | program\$4 same smart same (card or chip) same java   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 09:30 |
| -        | 99    | program\$4 same smart same (card or chip) same java and (virtual same machine)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 09:31 |
| -        | 1     | "5901303".PN.   | USPAT   | 2004/02/18 10:27 |

|   |         |  |   |                  |
|---|---------|--|---|------------------|
| - | 1       | "5715431".PN.  | USPAT   | 2004/02/18 10:29 |
| - | 1       | "5583933".PN.  | USPAT   | 2004/02/18 10:35 |
| - | 1       | "5530232".PN.  | USPAT   | 2004/02/18 10:35 |
| - | 1       | "5378884".PN.  | USPAT   | 2004/02/18 10:35 |
| - | 1       | "5332889".PN.  | USPAT   | 2004/02/18 10:36 |
| - | 1       | "4831245".PN.  | USPAT   | 2004/02/18 10:36 |
| - | 1       | "5583933".PN.  | USPAT   | 2004/02/18 10:38 |
| - | 1       | "5715431".PN.  | USPAT   | 2004/02/18 10:38 |
| - | 23369   | transform\$4 same code   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 10:39 |
| - | 4577    | transform\$4 same code and (execut\$4 same code)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 10:40 |
| - | 1594854 | (transform\$4 same code) near\$10 (virtual with machine) and (execut\$4 same code)                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 10:41 |
| - | 1594710 | (transform\$4 same code) near\$5 (virtual with machine) and (execut\$4 same code)                        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 10:41 |
| - | 1593182 | (transform\$4 same code) near\$5 (virtual with machine) same java and (execut\$4 same code)              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 10:43 |
| - | 2256    | (transform\$4 same source same code)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 10:43 |
| - | 883140  | (transform\$4 same source same code saem execut\$4)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 10:45 |
| - | 268     | (transform\$4 same source same code saem execut\$4) and (java same code same card)                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 10:45 |
| - | 120     | (transform\$4 same source same code saem execut\$4) and (java same code same card) and smart             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 10:46 |
| - | 90      | (transform\$4 same source same code saem execut\$4) and (java same code same card) and (smart same card) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 10:46 |
| - | 2       | 717/140.ccls. and smart same card  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/19 11:24 |
| - | 0       | transform\$4 same code same embedd\$4 same system near (virtual same machine)                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 11:15 |

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| - | 115     | transform\$4 same code same embedd\$4 same system   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 12:35 |
| - | 11      | transform\$4 same code same embedd\$4 same system and (smart same card)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 11:18 |
| - | 13220   | code with transform\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 12:18 |
| - | 39      | (code with transform\$4) same verify\$4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 12:19 |
| - | 23      | 717/140.ccls. and 717/136-149.ccls. and code with transform\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 13:12 |
| - | 0       | ((transform\$4 or deliver\$4 or send\$5) same source same code) near chip   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 13:13 |
| - | 0       | ((transform\$4 or deliver\$4 or send\$5) same source same code) near (chip or (embed\$4 with system) or smart with card)          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 13:14 |
| - | 2086269 | ((transform\$4 or deliver\$4 or send\$5) same source same code) near\$10 (chip or (embed\$4 with system) or smart with card)      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 13:14 |
| - | 275     | ((transform\$4 or deliver\$4 or send\$5) same source same code) SAME (chip or (embed\$4 with system) or smart with card)          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 13:14 |
| - | 21      | ((transform\$4 or deliver\$4 or send\$5) same source same code) SAME (chip or (embed\$4 with system) or smart with card) and Java | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 13:15 |
| - | 186     | 717/136.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 14:34 |
| - | 15      | verif\$4 same transform\$4 same source same code  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 14:44 |
| - | 1       | verif\$4 same transform\$4 same source same code and embed\$4 with system   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 14:44 |
| - | 34102   | embed\$4 with system  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 14:44 |

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| - | 1    | embed\$4 with system and verif\$4 same transform\$4 same source same code                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 14:45 |
| - | 115  | 717/\$.ccls. and smart same (card or chip or embedd\$4 with system)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 15:04 |
| - | 6    | 717/\$.ccls. and smart same (card or chip or embedd\$4 with system) and (transform\$4 same source same code) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 15:10 |
| - | 3916 | "smart card".ti.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 15:10 |
| - | 43   | "smart card".ti. and (source same code)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 15:24 |
| - | 10   | "smart card".ti. and (source same code) and java   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 15:25 |
| - | 1    | "program smart card".ti. and (source same code) and java   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 15:25 |
| - | 0    | "update smart card".ti. and (source same code) and java  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 15:26 |
| - | 0    | "update IC".ti. and (source same code) and java  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 15:26 |
| - | 0    | "update IC".ab. and (source same code) and java  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 15:26 |
| - | 25   | "smart card".ab. and (source same code) and java   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 15:34 |
| - | 4    | ("5161231" "5369760").pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/18 15:34 |
| - | 2    | 717/140.ccls. and ic same card   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/19 11:26 |
| - | 0    | 717/140.ccls. and download same data same ic same card   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/19 11:26 |

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| - | 0      | 717/140.ccls. and download WITH data<br>WITH ic WITH card                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/19 11:27 |
| - | 5      | 717/140.ccls. and download WITH data  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/19 11:28 |
| - | 1      | 717/140.ccls. and java same card  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/19 11:28 |
| - | 77     | 717/140.ccls. and java  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/19 11:35 |
| - | 1      | 717/140.ccls. and java with card  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/19 11:35 |
| - | 1014   | java same card  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/19 11:36 |
| - | 457    | java same card and (smart same card)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/19 11:36 |
| - | 457    | java same card and (smart same (card or<br>ic))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/19 11:36 |
| - | 80     | java same card and (smart same (card or<br>ic)) and ((download or transform\$4) same<br>code) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/19 11:37 |
| - | 1      | "5161231".PN.   | USPAT   | 2004/02/19 12:53 |
| - | 1      | "6170742".PN.   | USPAT   | 2004/02/19 16:47 |
| - | 0      | (soruce with code) same (virtual same<br>machine)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 10:00 |
| - | 0      | (soruce with code) same (virtual with<br>machine)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 10:00 |
| - | 726    | (source with code) same (virtual SAME<br>machine)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 10:00 |
| - | 453    | (source with code) same (virtual SAME<br>machine) same java                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 10:00 |
| - | 373914 | (source with code) same (virtual SAME<br>machine) same java same java card                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 10:00 |

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| - | 4   | (source with code) same (virtual SAME machine) same java same card  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 10:05 |
| - | 4   | (source with code) same (virtual SAME machine) same java same card and java and card                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:13 |
| - | 0   | (source with code) same (transform\$4 with code) same (virtual SAME machine) same java same card and java and card    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:13 |
| - | 20  | (source with code) same (transform\$4 with code) same (virtual SAME machine)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:19 |
| - | 3   | (source with code) same (transform\$4 with code) same (virtual SAME machine) and (plura\$4 with function\$4)          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:21 |
| - | 0   | java and (source with code) same (transform\$4 with code) same (virtual SAME machine) and (plura\$4 with function\$4) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:21 |
| - | 9   | java and (source with code) same (transform\$4 with code) same (virtual SAME machine)                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:21 |
| - | 0   | java and (source with code) same (transform\$4 with code) same (virtual SAME machine) and fuction\$4                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:21 |
| - | 7   | java and (source with code) same (transform\$4 with code) same (virtual SAME machine) and function\$4                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:26 |
| - | 20  | (source with code) same (transform\$4 with code) same (virtual SAME machine)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:27 |
| - | 849 | (source with code) same (transform\$4 with code)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:27 |
| - | 98  | (source with code) same (transform\$4 with code) and (virtual with machine)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:36 |
| - | 0   | determin\$4 same common same set same (source with code) same (transform\$4 with code) and (virtual with machine)     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:36 |
| - | 0   | determin\$4 same common same set with (source with code) same (transform\$4 with code) and (virtual with machine)     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:37 |

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| - | 0       | determin\$4 WITH common WITH set with<br>(source with code) same (transform\$4 with<br>code) and (virtual with machine) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 14:17 |
| - | 0       | veriy\$4 same (source with code) same<br>(transform\$4 with code) and (virtual with<br>machine)                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:40 |
| - | 1576557 | veriy\$4 NEAR\$5 (source with code) same<br>(transform\$4 with code) and (virtual with<br>machine)                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:40 |
| - | 1191399 | veriy\$4 NEAR\$1 (source with code) same<br>(transform\$4 with code) and (virtual with<br>machine)                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:40 |
| - | 1576702 | veriy\$4 NEAR\$10 (source with code) same<br>(transform\$4 with code) and (virtual with<br>machine)                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:40 |
| - | 0       | veriy\$4 NEAR (source with code) same<br>(transform\$4 with code) and (virtual with<br>machine)                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:40 |
| - | 0       | veriy\$4 WITH (source with code) same<br>(transform\$4 with code) and (virtual with<br>machine)                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:40 |
| - | 0       | veriy\$4 AND (source with code) same<br>(transform\$4 with code) and (virtual with<br>machine)                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 11:41 |
| - | 24879   | auxiliary with function\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 13:09 |
| - | 404     | auxiliary with function\$4 same property  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 13:09 |
| - | 1       | auxiliary with function\$4 same property<br>and logical with relation   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 13:09 |
| - | 1       | auxiliary with function\$4 same property<br>and logical with relation   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 13:10 |
| - | 342     | auxiliary with function\$4 and pair with<br>function and code   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 13:11 |
| - | 91      | auxiliary with function\$4 and pair with<br>function and code and card  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 13:11 |

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| - | 187 | 717/136.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 15:08 |
| - | 119 | verify\$4 with code with transfor\$9   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 15:54 |
| - | 2   | 6308317.pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 16:04 |
| - | 1   | "5923884".PN.  | USPAT   | 2004/02/20 15:54 |
| - | 1   | "5915226".PN.  | USPAT   | 2004/02/20 15:56 |
| - | 1   | "5889941".PN.  | USPAT   | 2004/02/20 15:57 |
| - | 1   | "5889941".PN.  | USPAT   | 2004/02/20 16:00 |
| - | 1   | "5844218".PN.  | USPAT   | 2004/02/20 16:00 |
| - | 1   | "5768419".PN.  | USPAT   | 2004/02/20 16:00 |
| - | 1   | "5841866".PN.  | USPAT   | 2004/02/20 16:01 |
| - | 1   | "5815657".PN.  | USPAT   | 2004/02/20 16:01 |
| - | 1   | "5811771".PN.  | USPAT   | 2004/02/20 16:01 |
| - | 1   | "5768419".PN.  | USPAT   | 2004/02/20 16:02 |
| - | 1   | "5761306".PN.  | USPAT   | 2004/02/20 16:02 |
| - | 1   | "5692132".PN.  | USPAT   | 2004/02/20 16:02 |
| - | 1   | "5923884".PN.  | USPAT   | 2004/02/20 16:02 |
| - | 1   | "5826011".PN.  | USPAT   | 2004/02/20 16:02 |
| - | 1   | "5588146".PN.  | USPAT   | 2004/02/20 16:02 |
| - | 1   | "5509073".PN.  | USPAT   | 2004/02/20 16:03 |
| - | 1   | "5293424".PN.  | USPAT   | 2004/02/20 16:03 |
| - | 4   | ("4382279"  "4,985,920").pn.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 16:05 |
| - | 1   | "4772782".PN.  | USPAT   | 2004/02/20 16:07 |
| - | 1   | "5578808".PN.  | USPAT   | 2004/02/20 16:07 |
| - | 1   | "5534857".PN.  | USPAT   | 2004/02/20 16:08 |
| - | 256 | (verif\$4 or confirm\$4 or authent\$4) same<br>(source with code) same (transfor\$4 or<br>compile\$4 or conver\$4)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/21 11:08 |
| - | 0   | (verif\$4 or confirm\$4 or authent\$4) same<br>(source with code) same (transfor\$4 or<br>compile\$4 or conver\$4) near (virtual with<br>machine)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/21 11:09 |
| - | 3   | (verif\$4 or confirm\$4 or authent\$4) same<br>(source with code) same (transfor\$4 or<br>compile\$4 or conver\$4) near machine  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/21 11:12 |
| - | 4   | (verif\$4 or confirm\$4 or authent\$4) same<br>(source with code) same (transfor\$4 or<br>compile\$4 or conver\$4) near (machine\$4 or<br>apparatu\$4 or equipmen\$4)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/21 11:13 |
| - | 63  | (verif\$4 or confirm\$4 or authent\$4) same<br>(source with code) same (transfor\$4 or<br>compile\$4 or conver\$4) SAME (machine\$4 or<br>apparatu\$4 or equipmen\$4)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/21 13:02 |
| - | 204 | (verif\$4 or confirm\$4 or authent\$4) same<br>((source or initial or byte) with code)<br>same (transfor\$4 or compile\$4 or conver\$4<br>or translat\$4) SAME (machine\$4 or<br>apparatu\$4 or equipmen\$4 or system) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/21 13:57 |



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|---|-----|--|---|------------------|
| - | 14  | determin\$4 with (verif\$4 or confirm\$4 or<br>authent\$4) same ((source or initial or<br>byte) with code) same (transfor\$4 or<br>compile\$4 or conver\$4 or translat\$4) SAME<br>(machine\$4 or apparatu\$4 or equipmen\$4 or<br>system)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/21 15:38 |
| - | 2   | 6308317.pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/03 11:38 |
| - | 490 | (US "6324685" B1<br>US "5923884" A<br>US "5856659" A<br>US "5161231" A<br>US "5987256" A<br>US "6481632" B2<br>US "6651186" B1<br>US "6651080" B1<br>US "6606744" B1<br>US "6557023" B1<br>US "6473794" B1<br>US "6523027" B1<br>US "6519571" B1<br>US "6477702" B1<br>US "5999988" A<br>US "6253027" B1<br>US "6366876" B1<br>US "6373950" B1<br>US "6185683" B1<br>US "6128774" A<br>US "6148401" A<br>NN980151<br>US "6115719" A<br>US "6591229" B1<br>US "6402028" B1<br>US "6456857" B1<br>US "6216227" B1<br>US "6005942" A<br>US "5999732" A<br>FR "2797962" A1<br>US "6233683" B1<br>WO "200046666" A<br>US "6390374" B1<br>US "6256690" B1<br>US "6343376" B1<br>US "6343372" B1<br>US "6253370" B1<br>US "6021272" A<br>US "6675375" B1<br>US "6546549" B2).pn. and java | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 11:49 |

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|---|---|--|---|------------------|
| - | 4 | (US "6324685" B1<br>US "5923884" A<br>US "5856659" A<br>US "5161231" A<br>US "5987256" A<br>US "6481632" B2<br>US "6651186" B1<br>US "6651080" B1<br>US "6606744" B1<br>US "6557023" B1<br>US "6473794" B1<br>US "6523027" B1<br>US "6519571" B1<br>US "6477702" B1<br>US "5999988" A<br>US "6253027" B1<br>US "6366876" B1<br>US "6373950" B1<br>US "6185683" B1<br>US "6128774" A<br>US "6148401" A<br>NN980151<br>US "6115719" A<br>US "6591229" B1<br>US "6402028" B1<br>US "6456857" B1<br>US "6216227" B1<br>US "6005942" A<br>US "5999732" A<br>FR "2797962" A1<br>US "6233683" B1<br>WO "200046666" A<br>US "6390374" B1<br>US "6256690" B1<br>US "6343376" B1<br>US "6343372" B1<br>US "6253370" B1<br>US "6021272" A<br>US "6675375" B1<br>US "6546549" B2).pn. and javacard | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 12:02 |
| - | 6 | ("5668999" "5748964" "5740441").pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/03/05 11:59 |

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|---|----|---|---|------------------|
| - | 51 | (US "6324685" B1<br>US "5923884" A<br>US "5856659" A<br>US "5161231" A<br>US "5987256" A<br>US "6481632" B2<br>US "6651186" B1<br>US "6651080" B1<br>US "6606744" B1<br>US "6557023" B1<br>US "6473794" B1<br>US "6523027" B1<br>US "6519571" B1<br>US "6477702" B1<br>US "5999988" A<br>US "6253027" B1<br>US "6366876" B1<br>US "6373950" B1<br>US "6185683" B1<br>US "6128774" A<br>US "6148401" A<br>NN980151<br>US "6115719" A<br>US "6591229" B1<br>US "6402028" B1<br>US "6456857" B1<br>US "6216227" B1<br>US "6005942" A<br>US "5999732" A<br>FR "2797962" A1<br>US "6233683" B1<br>WO "200046666" A<br>US "6390374" B1<br>US "6256690" B1<br>US "6343376" B1<br>US "6343372" B1<br>US "6253370" B1<br>US "6021272" A<br>US "6675375" B1<br>US "6546549" B2).pn. and (verif\$8 same<br>proper\$4 same function\$4) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 12:03 |
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|---|------|--|---|------------------|
| - | 368  | auxil\$4 with function\$4 with pair\$4                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 12:50 |
| - | 2    | auxil\$4 with function\$4 with pair\$4 and java                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 12:51 |
| - | 3    | auxil\$4 with function\$4 with pair\$4 and smart               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 12:51 |
| - | 1046 | (function\$4 with pair\$4) and smart                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 12:52 |
| - | 453  | (function\$4 with pair\$4) and (smart same card)               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 12:52 |
| - | 71   | (function\$4 with pair\$4) and (smart same card) and java      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 12:52 |
| - | 2    | 6005942.pn. and download                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 13:55 |
| - | 525  | logical\$4 with relation\$4 with function\$4                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 13:56 |
| - | 0    | (logical\$4 with relation\$4 with function\$4) near3 indent\$4 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 13:56 |
| - | 0    | (logical\$4 with relation\$4 with function\$4) SAME indent\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 13:56 |
| - | 5    | (logical\$4 with relation\$4 with function\$4) AND indent\$4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 14:01 |
| - | 3    | (logical\$4 with relation\$4 with function\$4) AND indenti\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/05 14:02 |